

Converting Colors

XYZ(16.8526, 14.2534, 12.2576)

Have a look what the booklet for
XYZ(16.8526, 14.2534, 12.2576)
contains.

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Color

**XYZ(16.8746, 14.2817,
12.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5D5D
RGB	141, 93, 93
RGB Percent	55%, 36%, 36%
CMY	0.4471, 0.6353, 0.6353
CMYK	0.00, 0.34, 0.34, 0.45
HSL	0°, 21%, 46%
HSV	0°, 34%, 55%
XYZ	16.8746, 14.2817, 12.2232
YIQ	107.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

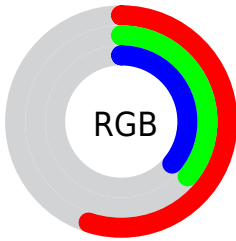
Format	Color
R _Y B	141, 93, 93
Decimal	9264477
CIE Lab	44.63, 19.66, 8.06
CIE LCh	45, 21.252, 22.292
Yxy	14.2817, 0.3890, 0.3292
Android (android.graphics.Color)	4287454557 (0xFF8D5D5D)
YUV	107.3520, -7.0755, 29.5093
Hunter-Lab	37.7911, 13.5698, 7.2770

Details

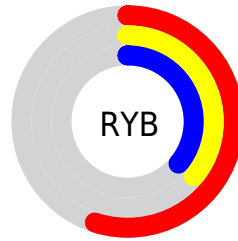
The XYZ color **16.8746, 14.2817, 12.2232** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8464, 23.2992, 28.7031**, and the grayscale version is **14.0867, 14.8203, 16.1393**.

A 20% lighter version of the original color is **37.6961, 33.6655, 30.4979**, and **5.6099, 4.2831, 3.2204** is the 20% darker color. If you saturate the color by 10%, you get **15.1813, 11.8040, 8.8565**, and if you desaturate by 10%, it is **18.9121, 17.2632, 16.2731**.

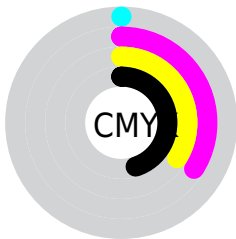
Distribution



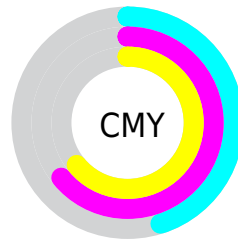
- Red (55%)
- Green (36%)
- Blue (36%)



- Red (55%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (34%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8746, 14.2817, 12.2232 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.8746, 14.2817, 12.2232 by changing the saturation by 10% instead.

■ 16.8746, 14.2817,
12.2232

■ 16.8746, 14.2817,
12.2232

227.6191,
218.9763, 216.9075

■ 10.2399, 8.3169,
6.7715

■ 37.6554, 33.5880,
30.5714

■ 5.6218, 4.2984,
3.2433

■ 52.5321, 47.6983,
44.3050

■ 2.6549, 1.8418,
1.2202

■ 70.8869, 65.2925,
61.6363

■ 0.9740, 0.5130,
0.0000

■ 93.0851, 86.7550,
82.9839

■ 0.0000, 0.0000,
0.0000

119.4921,
112.4703, 108.7663

150.4731,

142.8227, 139.4019

186.3937,
178.1965, 175.3095

■ 16.8746, 14.2817,
12.2232

■ 16.8746, 14.2817,
12.2232

■ 15.1813, 11.8040,
8.8565

■ 18.9121, 17.2632,
16.2731

■ 13.8120, 9.8003,
6.1345

■ 21.3099, 20.7720,
21.0400

■ 12.7465, 8.2412,
4.0164

■ 24.0849, 24.8326,
26.5566

■ 11.9616, 7.0926,
2.4561

■ 27.2522, 29.4672,
32.8532

■ 11.4309, 6.3160,
1.4013

■ 30.8264, 34.6971,
39.9585

■ 11.1218, 5.8637,
0.7869

■ 34.8210, 40.5423,
47.8998

■ 10.9846, 5.6629,
0.5141

■ 39.2491, 47.0219,
56.7030

■ 44.1233, 54.1541,
66.3929

■ 49.4555, 61.9566,
76.9935

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.1274, 14.2817, 16.8574



16.8746, 14.2817, 12.2232



15.7021, 14.2817, 9.1894

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.8746, 14.2817, 12.2232



11.1194, 14.2817, 10.4411



13.1350, 14.2817, 26.9688

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.8746, 14.2817, 12.2232



18.8464, 23.2992, 28.7031

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.6480, 14.2817, 24.3247



16.8746, 14.2817, 12.2232



10.5501, 14.2817, 14.3127

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.8746, 14.2817, 12.2232



12.3566, 14.2817, 8.3224



10.7351, 14.2817, 19.4323



14.8696, 14.2817, 26.0793

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.8746, 14.2817, 12.2232



14.6067, 14.2817, 8.1526



10.7351, 14.2817, 19.4323



12.5918, 14.2817, 26.4473

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.8750, 14.2824, 12.2235



39.9835, 39.8637, 41.2991



19.7066, 15.4146, 27.1359



8.7972, 8.7088, 8.9595



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.8750, 14.2824, 12.2235



27.7928, 22.0252, 17.0644



19.3216, 19.1757, 13.0390



5.4089, 5.4241, 5.6513



10.0159, 5.1635, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.8464, 23.2992, 28.7031



31.8903, 40.7656, 51.3156



15.6833, 16.9729, 27.6488



5.5603, 6.1163, 6.9163



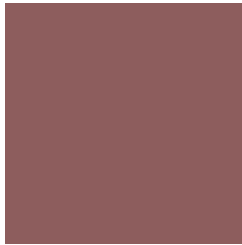
13.0675, 19.1211, 25.9791



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 16.8746, 14.2817, 12.2232 looks on a white background.

Color Contrast Check

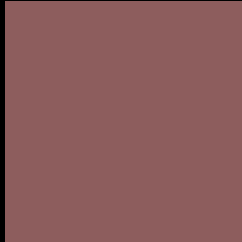
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.8746, 14.2817, 12.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8746, 14.2817, 12.2232

Background



This preview shows how black text looks on a background with the XYZ color 16.8746, 14.2817, 12.2232.



This preview shows how white text looks on a background with the XYZ color 16.8746, 14.2817,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.8746, 14.2817, 12.2232

Protanopia

13.7610, 14.4794, 14.1261

Deuteranopia

14.5249, 14.3230, 11.8966



Tritanopia

17.2346, 14.3059, 13.6573

Trichromacy



Original Color

16.8746, 14.2817, 12.2232

Protanomaly

14.6965, 14.2354, 13.2824

Deuteranomaly

15.2957, 14.2856, 12.0764

Tritanomaly

17.1401, 14.2681, 13.1599

Monochromacy



Original Color

16.8746, 14.2817, 12.2232

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7574, 14.3840, 14.5690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8746, 14.2817, 12.2232 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(141, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(141, 93, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(141, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 93, 93) }
```

Border

The CSS property to change the border of an element to XYZ 16.8746, 14.2817, 12.2232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 93, 93) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(141, 93, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(141, 93, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(141, 93,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8746, 14.2817, 12.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 93, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(141, 93,  
93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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